

MACHINE SERVICE BULLETIN #32

SUBJECT: Interference between
Lug in Carriage & K843D in
"2" Series Machines

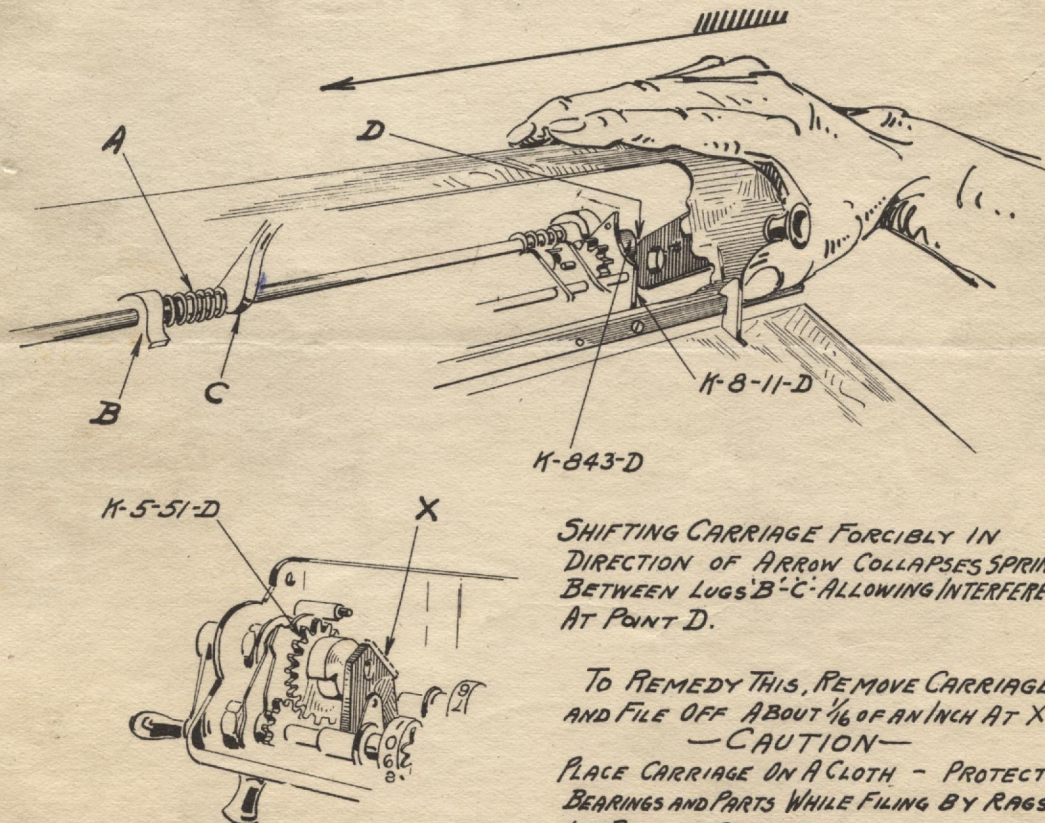
DATE: March 1, 1926

TO ALL OFFICES:

We have recently discovered that when shifting the carriage from the extreme right hand position to the extreme left hand position forcibly, by the use of the carriage lift handle, K5-85D (in this manner only) that it is possible for an interference to occur between the lug on the right of the carriage case which serves as a bearing for the K5-51D, registering dial clearing gear, and the bushing K843D for the eccentric gear, in K8-11D, bracket for right hand eccentric gear.

It is noted that when shifting a carriage in this manner, the left bumper spring collapses enough to cause the lug in the carriage to strike K843D as described above, with the result that as K8-11D supports the carry counting mechanism on the right of the machine, this mechanism may become distorted and thereby cause it to be out of adjustment, through this repeated interference.

To repair this, carefully follow the instructions we are outlining herein. It is of the utmost importance that servicemen provide this clearance in all "2" series machines in their districts with as little delay as possible.



SHIFTING CARRIAGE FORCIBLY IN
DIRECTION OF ARROW COLLAPSES SPRING A
BETWEEN LUGS B-C-ALLOWING INTERFERENCE
AT POINT D.

TO REMEDY THIS, REMOVE CARRIAGE -
AND FILE OFF ABOUT $\frac{1}{16}$ OF AN INCH AT X
— CAUTION —

PLACE CARRIAGE ON A CLOTH - PROTECT
BEARINGS AND PARTS WHILE FILING BY RAGS
IN PROPER PLACES.

F. M. Smith
General Service Manager

Mr. C. L. Cook,
Toledo, Ohio.

TO ALL OFFICES:

We have recently discovered that when shifting the carriage from the extreme right hand position to the extreme left hand position, by the use of the carriage lift handle, KB-55B, in this manner only, that it is possible for an interference to occur between the lug on the right of the carriage case which serves as a bearing for the KB-51D, registering dual elevating gear, and the bearing KB-51B for the eccentric gear, in KB-51D, bracket for right hand eccentric gear.

It is noted that when shifting a carriage in this manner, the left hand spring collars tend to move and are in the position to strike KB-55B as described above. With the result that as KB-51D supports the carry eccentric mechanism on the right of the carriage, this mechanism may become displaced and thereby cause it to be out of adjustment, through this repeated interference.

To repair this, carefully follow the instructions we are giving in herein. It is of the utmost importance that service men give this clearance in all "B" service machines in their districts when as little delay as possible.

Service Carriage, KB-51D
Bracket for KB-51D, eccentric gear
KB-51D, eccentric gear

To insure the proper clearance
between the KB-51D and KB-55B
the KB-51D should be moved
to the right as far as possible
when shifting the carriage.

E. M. Smith
General Service Manager